PATENT

Attorney Docket No.: 014643-009020US A-72013/GKS/THR(455675-77)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

re application of:

LONBERG and KAY

Serial No.: 08/728,463

Filed: October 10, 1996

For: TRANSGENIC NON-HUMAN ANIMALS FOR PRODUCING

HETEROLOGOUS ANTIBODIES

Examiner: Nolan, P.

Group Art Unit: 1644

CERTIFICATE OF MAILING

hereby certify that this correspondence, including listed enclosures, is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Mail Stop RCE, Commissioner for Patents. P.O. Box 1450, Alexandria, VA 22313-1450 on

Date: November 24, 2003

Mail Stop RCE Commissioner for Patents P.O. Box 1450 Álexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

In satisfaction of the duty of disclosure under 37 C.F.R. § 1.56, and in accordance with the provisions of 37 C.F.R. §§ 1.97 and 1.98, Applicant wishes to draw the attention of the U.S. Patent and Trademark Office to the references cited on the accompanying form PTO/SB/8A. Copies of the references are enclosed.

None of the foregoing references are believed to disclose the invention as claimed. Nothing herein shall constitute an admission concerning the contents of any of the cited references, nor shall the inclusion of a reference herein be considered an admission that the reference constitutes prior art against the invention claimed in the above-identified application.

12/03/2003 AWONDAF1 00000001 08728463

02 FC:1806

180.00 DP

1124622_1

Serial No. 10/000,433

Filing Date: November 30, 2001

Submission of the present document shall not be construed as an admission that a search has been made or that better art does not exist.

Pursuant to 37 C.F.R. §1.97(c), enclosed is a check in the amount of \$180.00 as set forth in 37 C.F.R. §1.17(p). While no further fee is believed to be due, if this belief is in error, the Commissioner is authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-2319 (Our Order No. 455675-077 (A-72013/GKS/THR)).

BY:

Respectfully submitted,
DORSEY & WHITNEY LLP

Filed under 37 C.F.R. § 1.34(a)

Dated: Nov. 24, 2013

Customer Number: 32940

Dorsey & Whitney LLP

Intellectual Property Department

Four Embarcadero Center, Suite 3400

San Francisco, CA 94111-4187

Telephone:

(415) 781-1989

Facsimile:

(415) 398-3249

Attachments: Form PTO/SB/8A, Substitute for form 1449

8 cited references Check for \$180.00

	EPARTMENT (TI 1449B/PTO OF COMMERCE NT AND TRADEMAN			ATTY. DOCKET NO.: 014643-009020US A-72013 (455675-77)	APPLICATION NO.: 08/728,463	
		ORMATIO			FIRST NAMED INVENTOR: LONBERG		
STATEMENT BY APPLICANT (Use as many sheets as necessary)					FILING DATE: October 10, 1996 ART UNIT: 1644		
<u>~</u>	Sheet	2	of	2	EXAMINER NAME: Patrick J. Nolan		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

7				
EXAMINER INITIALS	Cite (Include name of Author) in CAPITAL LETTERS), Title of article (when appropriate, title of the item (book, magazin yournal, scrial symposium, catalog, etc.), date, page(s), volume-issue number(s) publisher city and/or country where published)			
	C102	SILBERSTEIN, L.E., et al., "Variable Region Gene Analysis of Pathologic Human Autoantibodies to the Related i and I Red Blood Cell Antigens," <i>Blood</i> , vol. 78, no. 9: 2372-2386 (1991).		
	C103	TAYLOR, L.D., et al., "A Transgenic Mouse That Expresses A Diversity of Human Sequence Heavy and Light Chain Immunoglobins," Nucleic Acids Research, vol. 20, no. 23: 6287-6295 (1992).		
	C104	TUAILLON, N., et al., "Human Immunoglobulin Heavy-Chain Minilocus Recombination in Transgenic Mice: Gene- Segment Use in Mu and Gamma Transcripts," <i>Proc. Nat. Acad. Sci. USA</i> , vol. 90: 3720-3724 (1993).		
			_	
			 	
			_	
			_	
· .		·	1	
··· <u>-</u>			_	
			_	
<u>.</u>			1	
•		·	\bot	
			\perp	
EXAMINER SIGNATURE		DATE CONSIDERED		

^{*}EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant

1 Applicant's unique citation number (optional).

2 Applicant is to place a check mark here if English language Translation is attached.

Substitute f	for form	1449A/PTO)
U.S. DEPART	MENT OF	COMMERCE	
(Modified)	PATENT	AND TRADEMA	JRK OFFICE

Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

ı				
1-5	II INC	DA	TF.	Oolober

A-72013 (455675-77)

APPLICATION NO.:

08/728,463

10, 1996

ATTY. DOCKET NO.: 014643-009020US

FIRST NAMED INVENTOR: LONBERG

ART UNIT: 1644

2

EXAMINER NAME: Patrick J. Nolan

U.S. PATENT OR PUBLISHED PATENT APPLICATION DOCUMENTS

XAMINER NITIALS*	Cite No. ¹	DOCUMENT NUMBER	PUBLICATION DATE	Name of PATENTEE or Applicant of Cited	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number – Kind Code ² (if known)	MM-DD-YYYY	Document		
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
	i e	US-				
		US-				
		US-				
		US-				
	T	US-				
		US-				

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

EXAMINER INITIALS*	Cite No. ¹	DOCUMENT NUMBER Country Code ² – Number ² – Kind Code ² (If known)	PUBLICATION DATE MM-DD-YYYY	Name of PATENTEE or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ^é
	B6	WO 94 25585 A	11/10/1994	Genpharm Int.		
	B7	WO 93 12227 A	06/24/1993	Genpharm Int.		
	B8	WO 93 11794 A	06/24/1993	Xoma Corp.		
	B9	EP 0 592 106 A	04/13/1994	Immunogen Inc.		
	B10	WO 92 01047 A	01/23/1992	Cambridge Antibody Tech.		
				·		
	 	 				
EXAMINER SIGNATURE				DATE CONSIDERED		

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered.

Include copy of this form with next communication to applicant.

Applicant's unique citation number (optional), ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ³ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.